

Segment ID: 0606A Water body name: Prairie Creek (unclassified water body)

Freshwater Stream

Neches River Basin

Total size:

13 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	Use Concern	Lower 4 miles	4	16	2	
2002	Dissolved Oxygen grab average	Not Assessed	Upper 9 miles	9	8	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 4 miles	4	16	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Upper 9 miles	9	8	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 4 miles	4	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 9 miles	9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 4 miles	4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 9 miles	9	0		
2004	Acute Metals in water Zinc	No Concern-Limited Data	Lower 4 miles	4	5	0	
2004	Acute Metals in water Zinc	Use Concern-Limited Data	Upper 9 miles	9	5	1	
2002	Chronic Metals in water Cadmium	No Concern-Limited Data	Lower 4 miles	4	7		0.16
2002	Chronic Metals in water Cadmium	No Concern-Limited Data	Upper 9 miles	9	7		0.16
2004	Chronic Metals in water Zinc	No Concern-Limited Data	Lower 4 miles	4	5		11.3
2004	Chronic Metals in water Zinc	No Concern-Limited Data	Upper 9 miles	9	5		81.8
2004	Overall Aquatic Life Use	Fully Supporting	Lower 4 miles	4			
2004	Overall Aquatic Life Use	Not Assessed	Upper 9 miles	9			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 4 miles	4	0		
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Contact Recreation Use (continued)

2002	E. coli single sample	Not Assessed	Upper 9 miles	9	0		
2002	E. coli geometric mean	Not Assessed	Lower 4 miles	4	0		
2002	E. coli geometric mean	Not Assessed	Upper 9 miles	9	0		
2002	Fecal coliform single sample	Use Concern	Lower 4 miles	4	18	5	
2002	Fecal coliform single sample	No Concern-Limited Data	Upper 9 miles	9	8	0	
2002	Fecal coliform geometric mean	Not Supporting	Lower 4 miles	4	18		259
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 9 miles	9	8		101
2002	Overall Recreation Use	Not Supporting	Lower 4 miles	4			
2002	Overall Recreation Use	Not Assessed	Upper 9 miles	9			

Fish Consumption Use

2002	Human Health Criteria	No Concern-Limited Data	Lower 4 miles	4	7		
2002	Human Health Criteria Metals	No Concern-Limited Data	Upper 9 miles	9	7		
2002	Overall Fish Consumption Use	Not Assessed	Lower 4 miles	4			
2002	Overall Fish Consumption Use	Not Assessed	Upper 9 miles	9			

Overall Use Support

2004		Not Supporting	Lower 4 miles	4			
2004		Not Assessed	Upper 9 miles	9			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Lower 4 miles	4	8	1	
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Nutrient Enrichment Concern (continued)

2002	Ammonia Nitrogen	Not Assessed	Upper 9 miles	9	7	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lower 4 miles	4	8	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 9 miles	9	7	6	
2002	Orthophosphorus	Not Assessed	Lower 4 miles	4	7	0	
2002	Orthophosphorus	Not Assessed	Upper 9 miles	9	6	0	
2002	Total Phosphorus	Not Assessed	Lower 4 miles	4	7	0	
2002	Total Phosphorus	Not Assessed	Upper 9 miles	9	7	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower 4 miles	4			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 9 miles	9			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Lower 4 miles	4	7	0	
2002	Chlorophyll a	Not Assessed	Upper 9 miles	9	7	0	

Sediment Contaminants Concern

2002	85% Metals in sediment Manganese	Not Assessed	Lower 4 miles	4	1	1	
2002	85% Metals in sediment Zinc	Not Assessed	Lower 4 miles	4	1	1	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 4 miles	4			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 9 miles	9			

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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 4 miles	4			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 9 miles	9			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 4 miles	4			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 9 miles	9			

Overall Secondary Concern

2002		No Concern	Lower 4 miles	4			
2002		No Concern	Upper 9 miles	9			